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**Gironella i Cos et al.**(10) **Pub. No.: US 2013/0102487 A1**(43) **Pub. Date: Apr. 25, 2013**(54) **PLASMA MICRORNAS FOR THE  
DETECTION OF EARLY COLORECTAL  
CANCER****Publication Classification**(71) Applicants: **HOSPITAL CLINIC DE  
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USPC ..... **506/9**; 435/6.12; 435/6.11; 536/24.5(73) Assignees: **Centro de Invetigacion Biomedica en  
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(ES)(57) **ABSTRACT**

The present invention relates in general to the field of colorectal cancer detection, and more particularly, to plasma microRNAs for the detection of early colorectal cancer. Specifically, the present invention includes methods, kits and biomarkers for diagnosing or detecting colorectal neoplasia in a human subject comprising the steps of: A method for diagnosing or detecting colorectal neoplasia in a human subject comprising the steps of: obtaining one or more biological samples from the subject suspected of suffering from colorectal neoplasia; measuring an overall expression pattern or level of one or more microRNAs obtained from the one or more biological samples of the subject; and comparing the overall expression pattern of the one or more microRNAs from the biological sample of the subject suspected of suffering from colorectal neoplasia with the overall expression pattern of the one or more microRNAs from a biological sample of a normal subject, wherein the normal subject is a healthy subject not suffering from colorectal neoplasia, wherein overexpression of a combination of miR19a and miR19b, or miR19a and miR19b and miR15b is indicative of colorectal cancer.

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